Parameter	Proposed Council Condition - Average daily limit		Proposed Council Condition - Maximum daily limit		Assessed Concentrations		Proposed Applicant Condition		Comparison Proposed Applicant vs Council		Ratio	River water quality		
	mg/L	kg/d @ 750 m3	mg/L	kg/d @ 750 m3	mg/l	kg/d @ 750m3	average kg/d	maximum kg/d	average	maximum		upstream mg/L	downstream @ average discharge mg/L	downstream @ maximum discharge mg/L
pH			Limit to be confirmed		7.13333		5.5 to 8.5	5.5 to 8.5	N/A			2.8	2.8	2.8
Temperature			48°C**		48		50°C	50°C	4.17%			10.4 °C	10.55 °C	
Total suspended solids	3.4	2.550	10.2	7.650	3.366667	2.525	3	10	17.65%	30.72%	3.33	18	17.948	17.983
Total ammoniacal nitrogen	4.6	3.450	13.8	10.350	4.566667	3.425	3.5	10	1.45%	-3.38%	2.86	0.072	0.089	0.122
Nitrite and nitrate nitrogen	3.5	2.625	10.5	7.875	3.466667	2.600	2.6	9	-0.95%	14.29%	3.46	0.044	0.057	0.089
Chloride	15.3	11.475	45.9	34.425	15.3	11.475	11.5	30	0.22%	-12.85%	2.61	150	149.497	149.589
Sulphate	27	20.250	81	60.750	27.0	20.25	20	60	-1.23%	-1.23%	3.00	330	328.866	329.066
Mineral oil	<1 mg/L				<1 mg/L		1	1	0.00%	0.00%	1.00	n/a	N/A	N/A
Total lead	0.016	0.012000	0.048	0.036000	0.016	0.012000	0.0120	0.0360	0.00%	0.00%	3.00	0.0067	0.00673	0.00685
Total cadmium	0.0018	0.001350	0.0054	0.004050	0.001833	0.001375	0.0014	0.0040	3.70%	-1.23%	2.86	0.0008	0.00080	0.00082
Total chromium	0.0177	0.013275	0.0531	0.039825	0.017700	0.013275	0.0133	0.0400	0.19%	0.44%	3.01	0.033	0.03294	0.03308
Total copper	0.0137	0.010275	0.0411	0.030825	0.013667	0.010250	0.0103	0.0300	0.24%	-2.68%	2.91	0.028	0.02795	0.02804
Total mercury	0.00006	0.000045	0.00018	0.000135	0.000061	0.000046	0.00005	0.0001	11.11%	-25.93%	2.00	??	N/A	N/A
Total nickel	0.0021	0.001575	0.0063	0.004725	0.002090	0.001568	0.0016	0.0050	1.59%	5.82%	3.13	0.0187	0.01864	0.01866
Total zinc	0.42	0.315000	1.26	0.945000	0.416667	0.312500	0.3150	0.9450	0.00%	0.00%	3.00	0.068	0.06932	0.07246
$cBOD_5$	2		To be confirmed		1		1	2	-50.00%	NA	2.00			
Volatile organic compounds (VOCs)	<screening-level laboratory detection limit		To be confirmed		0		<screening-level laboratory detection limit	<screening-level laboratory detection limit	NA			N/A		
Phenol	<screening-level laboratory detection limit		To be confirmed		0		<screening-level laboratory detection limit	<screening-level laboratory detection limit	NA			N/A		
Furans	<screening-level laboratory detection limit		To be confirmed		0		<screening-level laboratory detection limit	<screening-level laboratory detection limit	NA			N/A		